chain nodes :
    1   3   4   5   12   15   17   18   19   20
ring nodes :
    6   7   8   9   10   11
chain bonds :
    1-12   3-4   3-12   4-5   5-8   15-17   17-18   18-19   18-20
ring bonds :
    6-7   6-11   7-8   8-9   9-10   10-11
exact/norm bonds :
    1-12   3-12   5-8   18-20
exact bonds :
    3-4   4-5   15-17   17-18   18-19
normalized bonds :
    6-7   6-11   7-8   8-9   9-10   10-11
isolated ring systems :
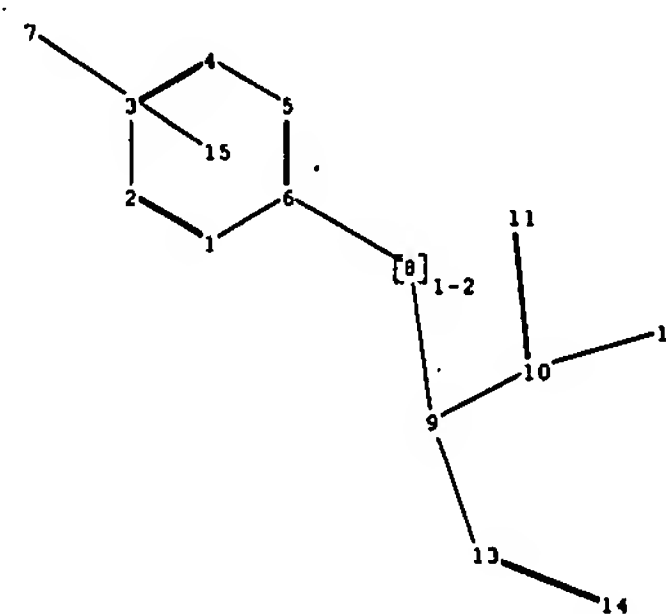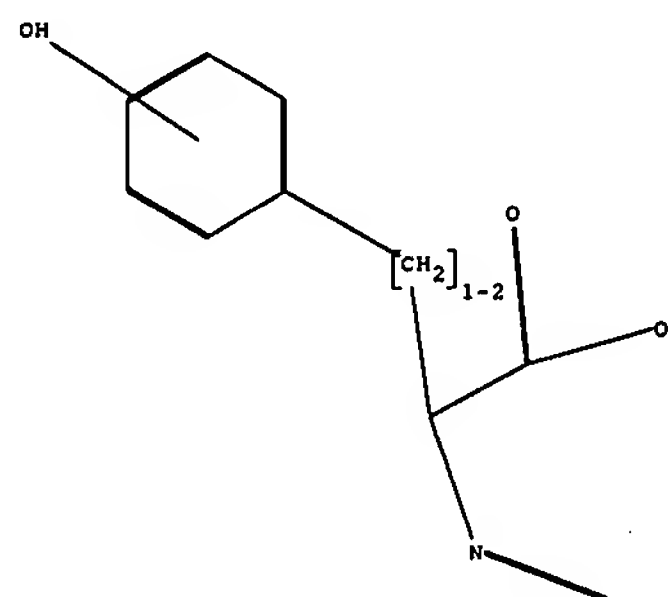   containing 6 :

Connectivity :
    1:1 E exact RC ring/chain
Match level :
    1:CLASS   3:CLASS   4:CLASS   5:CLASS   6:Atom   7:Atom   8:Atom   9:Atom   10:Atom
    11:Atom   12:Atom   15:CLASS   16:Atom   17:CLASS   18:CLASS   19:CLASS   20:CLASS

```
chain nodes :
    7   8   9   10   11   12   13   14
ring nodes :
    1   2   3   4   5   6
chain bonds :
    6-8   8-9   9-10   9-13   10-11   10-12   13-14
ring bonds :
    1-2   1-6   2-3   3-4   4-5   5-6
exact/norm bonds :
    9-13   10-11   10-12   13-14
exact bonds :
    6-8   8-9   9-10
normalized bonds :
    1-2   1-6   2-3   3-4   4-5   5-6
isolated ring systems :
    containing 1 :


Match level :
    1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:CLASS   8:CLASS   9:CLASS
    10:CLASS   11:CLASS   12:CLASS   13:CLASS   14:CLASS   15:Atom
```
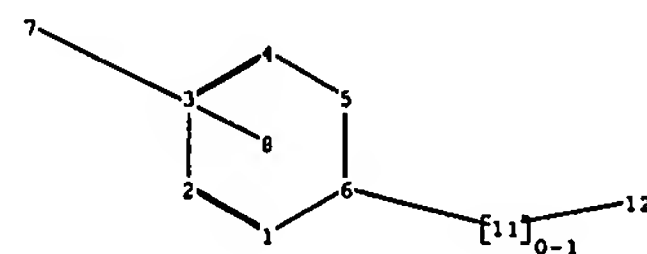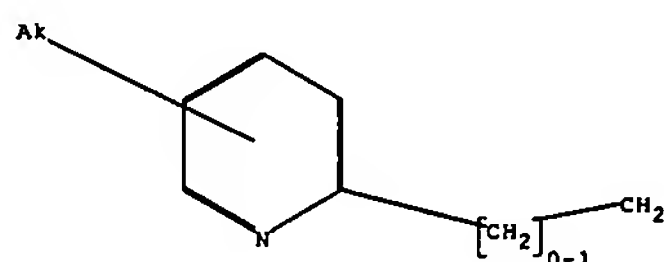
chain nodes :
    7   11   12
ring nodes :
    1   2   3   4   5   6
chain bonds :
    6-11   11-12
ring bonds :
    1-2   1-6   2-3   3-4   4-5   5-6
exact bonds :
    6-11   11-12
normalized bonds :
    1-2   1-6   2-3   3-4   4-5   5-6
isolated ring systems :
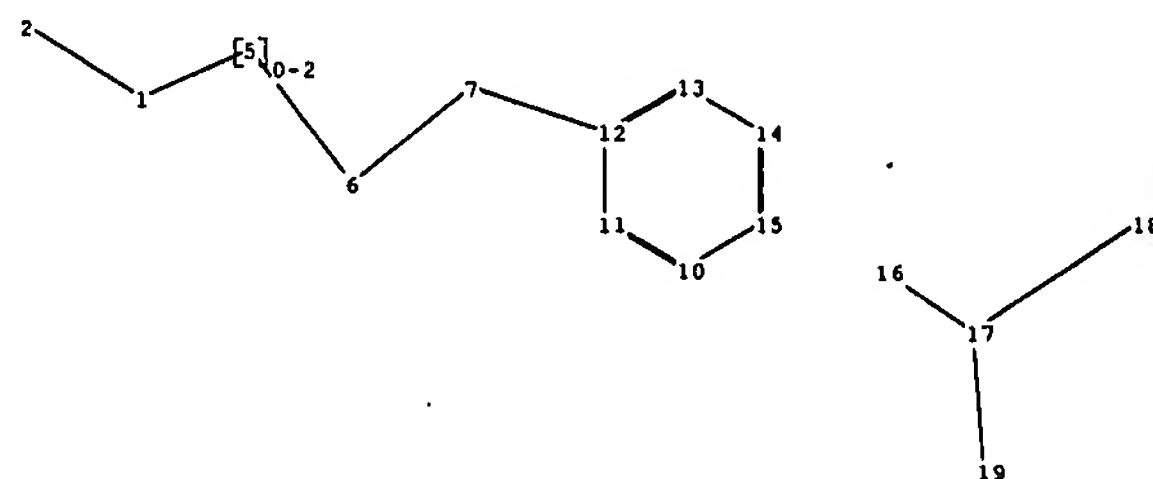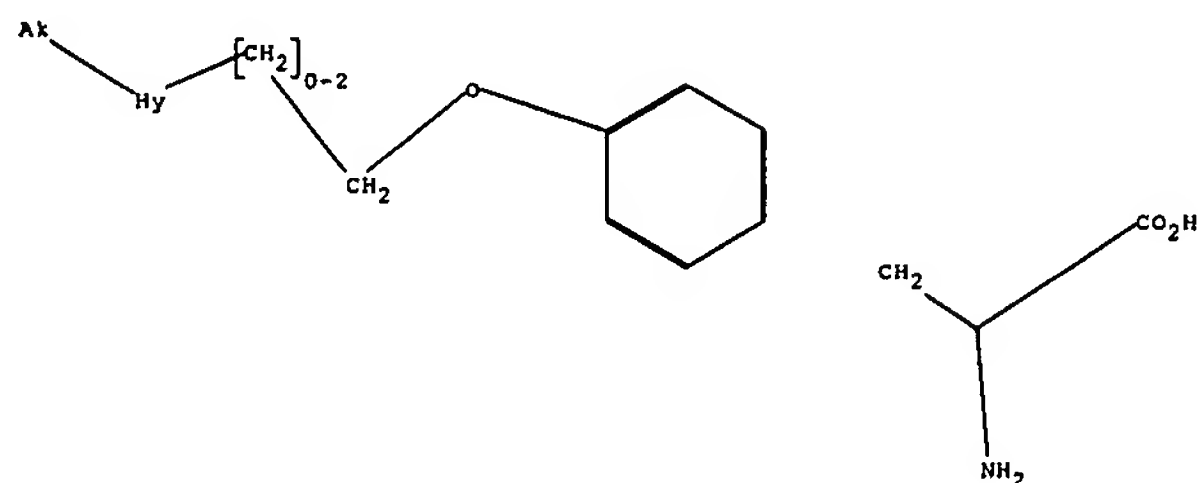   containing 1 :

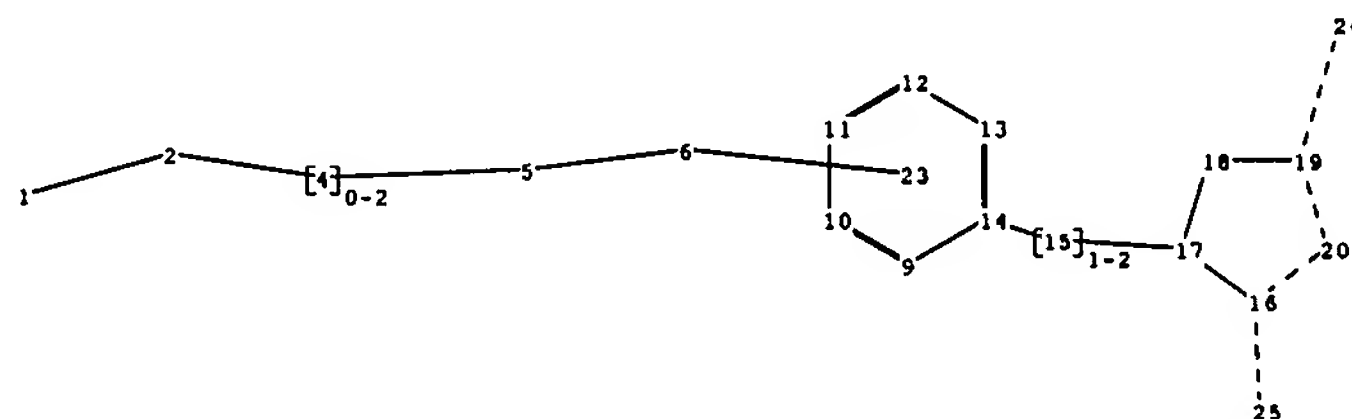Connectivity :
    7:1 E exact RC ring/chain
Match level :
    1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:CLASS   8:Atom   11:CLASS
    12:CLASS

```
chain nodes :
    1   2   5  ·6   7   16   17   18   19
ring nodes :
    10   11   12   13   14   15
chain bonds :
    1-2   1-5   5-6   6-7   7-12   16-17   17-18   17-19
ring bonds :
    10-11   10-15   11-12   12-13   13-14   14-15
exact/norm bonds :
    1-2   1-5   7-12   17-19
exact bonds :
    5-6   6-7   16-17   17-18
normalized bonds :
    10-11   10-15   11-12   12-13   13-14   14-15
isolated ring systems :
    containing 10 :


Connectivity :
    2:1 E exact RC ring/chain
Match level :
    1:Atom   2:CLASS   5:CLASS   6:CLASS   7:CLASS   10:Atom   11:Atom   12:Atom
    13:Atom   14:Atom   15:Atom   16:CLASS   17:CLASS   18:CLASS   19:CLASS
Generic attributes :
    1:
    Saturation                 : Unsaturated
    Number of Carbon Atoms : less than 7
    Number of Hetero Atoms : Exactly 1
    Type of Ring System    : Monocyclic

Element Count :
    Node 1: Limited
        N,N1
        C,C5
```
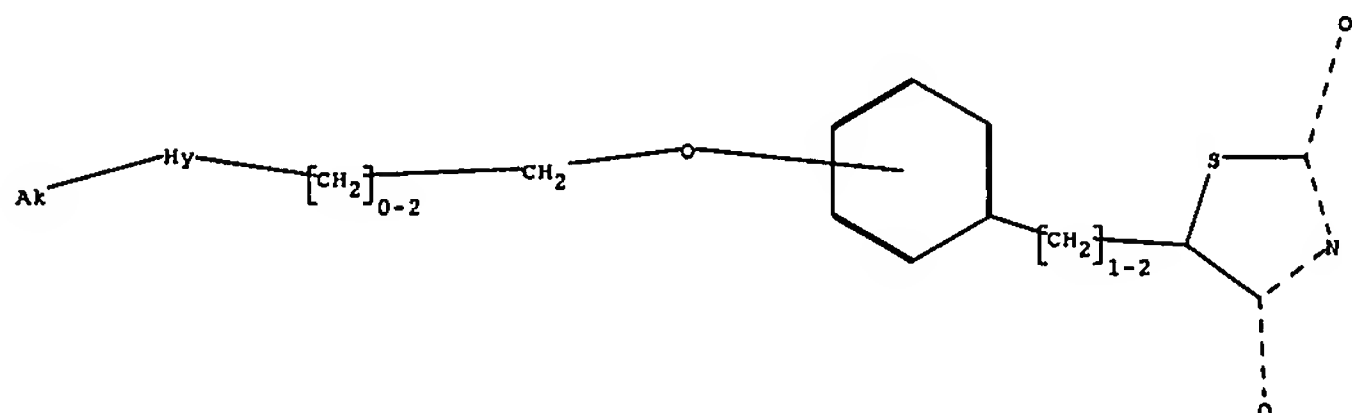
chain nodes :
      1   2   4   5   6   15   24   25
ring nodes :
      9   10   11   12   13   14   16   17   18   19   20
chain bonds :
      1-2   2-4   4-5   5-6   14-15   15-17   16-25   19-24
ring bonds :
      9-10   9-14   10-11   11-12   12-13   13-14   16-17   16-20   17-18   18-19   19-20
exact/norm bonds :
      1-2   2-4   16-20   16-25   19-20   19-24
exact bonds :
      4-5   5-6   14-15   15-17   16-17   17-18   18-19
normalized bonds :
      9-10   9-14   10-11   11-12   12-13   13-14
isolated ring systems :
      containing 16 :

Match level :
      1:CLASS   2:Atom   4:CLASS   5:CLASS   6:CLASS   9:Atom   10:Atom   11:Atom
      12:Atom   13:Atom   14:Atom   15:CLASS   16:Atom   17:Atom   18:Atom   19:Atom
      20:Atom   23:Atom   24:CLASS   25:CLASS
Generic attributes :
      2:
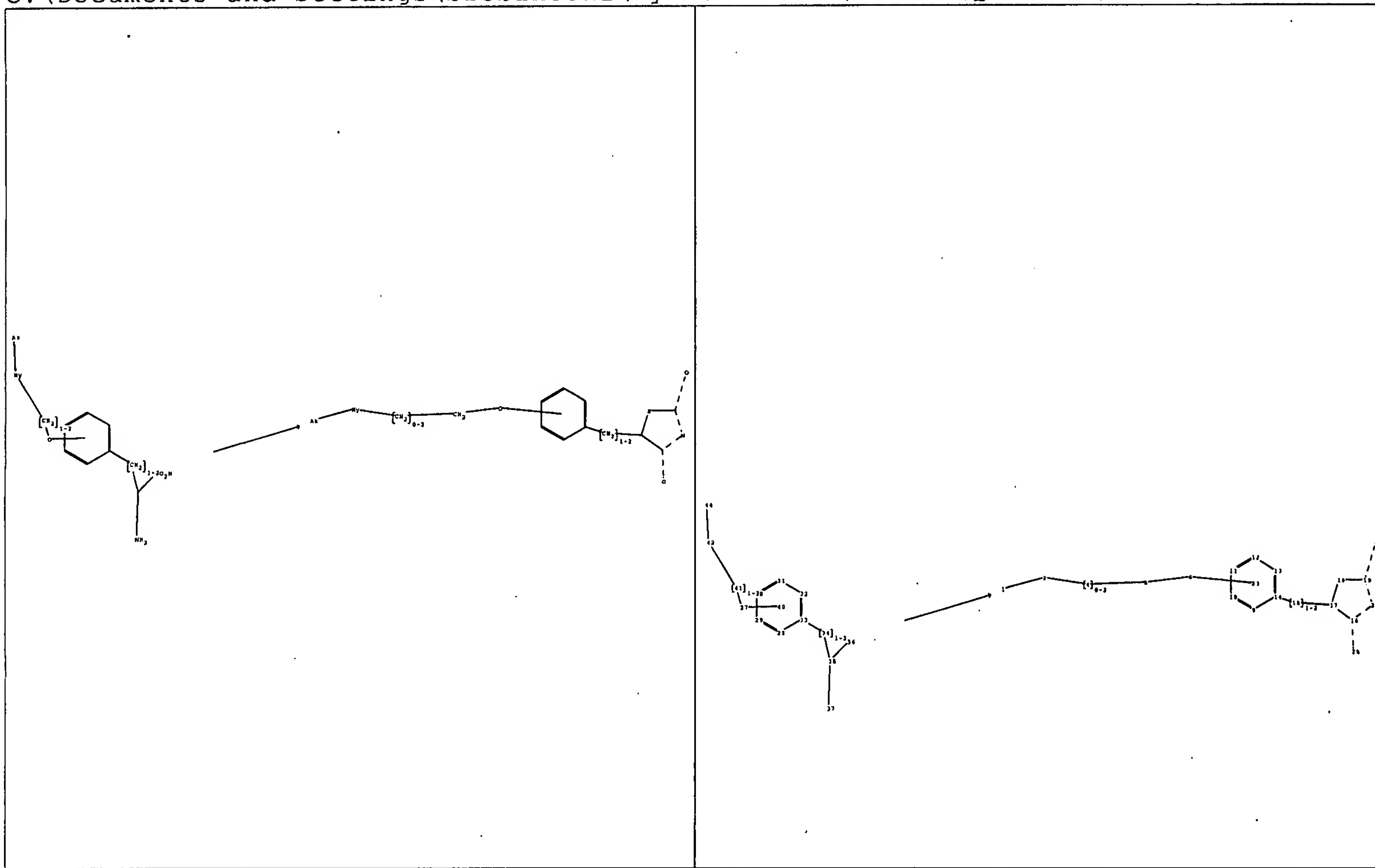   Saturation   : Unsaturated
      Number of Carbon Atoms : less than 7
      Number of Hetero Atoms : Exactly 1
      Type of Ring System   : Monocyclic

Element Count :
      Node 2: Limited
          N,N1
          C,C5

chain nodes :
    1   2   4   5   6   15   24   25   27   34   35   36   37   41   42   44
ring nodes :
    9   10   11   12   13   14   16   17   18   19   20   28   29   30   31   32   33
chain bonds :
    1-2   2-4   4-5   5-6   14-15   15-17   16-25   19-24   27-41   33-34   34-35   35-36
    35-37   41-42   42-44
ring bonds :
    9-10   9-14   10-11   11-12   12-13   13-14   16-17   16-20   17-18   18-19   19-20
    28-29   28-33   29-30   30-31   31-32   32-33
exact/norm bonds :
    1-2   2-4   16-20   16-25   19-20   19-24   35-37   41-42   42-44
exact bonds :
    4-5   5-6   14-15   15-17   16-17   17-18   18-19   27-41   33-34   34-35   35-36
normalized bonds :
    9-10   9-14   10-11   11-12   12-13   13-14   28-29   28-33   29-30   30-31   31-32
    32-33
isolated ring systems :
    containing 16 : 28 :

Connectivity :
    44:1 E exact RC ring/chain
Match level :
    1:CLASS   2:Atom   4:CLASS   5:CLASS   6:CLASS   9:Atom   10:Atom   11:Atom
    12:Atom   13:Atom   14:Atom   15:CLASS   16:Atom   17:Atom   18:Atom   19:Atom
    20:Atom   23:Atom   24:CLASS   25:CLASS   27:CLASS   28:Atom   29:Atom   30:Atom
    31:Atom   32:Atom   33:Atom   34:CLASS   35:CLASS   36:CLASS   37:CLASS   40:Atom
    41:CLASS   42:Atom   44:CLASS
Generic attributes :
    2:
    Saturation   : Unsaturated
    Number of Carbon Atoms : less than 7
    Number of Hetero Atoms : Exactly 1

```
        Type of Ring System      : Monocyclic
        42:
        Saturation               : Unsaturated
        Number of Carbon Atoms  : less than 7
        Number of Hetero Atoms  : Exactly 1
        Type of Ring System      : Monocyclic

fragments assigned reactant role:
        containing 27
fragments assigned product role:
        containing 1
Element Count :
        Node 2: Limited
            N,N1
            C,C5

        Node 42: Limited
            C,C5
            N,N1
```